

ARISTO[®]

VOYAGER X500

USER'S
MANUAL



ARISTO VOYAGER X500 User's Manual

This *User's Manual* describes **Getting started, Setting up, Navigating, Using the MP3 player**, and common **Warning screens** of your ARISTO VOYAGER X500. Read this guide in its entirety before attempting to use or configure the device.

Before getting started, check that each item listed below in the package contents is accounted for and observe the outward features of the device.

Package contents

Standard Package:

- The ARISTO VOYAGER X500
- Device holder
- Gooseneck windshield mount
- Car power adapter
- USB interface cable
- User's manual (on CD)
- Quick start guide
- SD Card containing navigating system and MAP data

Optional Accessories:

- AC Adapter
- External GPS active antenna
- TMC Module

Precautions and Notices

- ◆ For your own safety, do not operate the controls of the product while driving.
- ◆ Use this product prudently. The product is intended to be used only as a navigation aid. It is not for precise measurement of direction, distance, location or topography.
- ◆ The calculated route is for reference only. It is the user's responsibility to follow the traffic signs and local regulations along the roads.
- ◆ When you get off the car, do not leave your device on the dashboard that is subject to direct sunlight. The overheating of the battery can cause malfunction and/or danger.
- ◆ GPS is operated by the United States government, which is solely responsible for the performance of GPS. Any change to the GPS system can affect the accuracy of all GPS equipments.
- ◆ GPS satellite signals cannot pass through solid materials (except glass). When you are inside a tunnel or building, GPS positioning is not available.
- ◆ A minimum of 4 GPS satellite signals is needed to determine current GPS position. Signal reception can be affected by situations such as bad weather or dense overhead obstacles (e.g. trees and tall buildings).
- ◆ Other wireless devices in the vehicle might interfere with the reception of satellite signals and cause the reception to be unstable.
- ◆ A car holder is needed when using the device in a car. Be sure to place the device in an appropriate place, so as not to obstruct the driver's view, or deployment of airbags.
- ◆ Please remove SD card only when the device in power off status.
- ◆ When USB transmitting, **Do Not** disconnect the USB cable. When other applications are operating, **Do Not** connect USB cable.

Usage Guideline for Extended Battery Life

For optimal performance of the Li-polymer battery, take note of the following:

- ◆ This unit contains a non-replaceable internal Li-polymer battery. The battery can inflate and release hazardous chemicals. To reduce the risk of fire or burns, do not disassemble, crush, puncture, or dispose of in fire or water.
- ◆ Power indicator will show steady amber when external power is connected and show flashing red when battery voltage is low.
- ◆ If battery switch is turned off, please fully charge device battery when battery switch is turned on again. This will ensure battery to be precisely charged.
- ◆ Do not immediately turn on your device after connecting the AC adapter to charge a power-depleted battery. If you need to turn on the device again, wait for at least one minute.
- ◆ Do not charge the battery where the temperature is high. This may harmful to the battery. (e.g. in direct sunlight).
- ◆ There is no need to fully discharge the battery before charging. You can charge the battery before it is discharged.
- ◆ If you will not use the product for a long period of time, be sure to fully charge the battery at least once every two weeks. Over discharge of the battery can affect the charging performance.

Outward features of the ARISTO VOYAGER X500

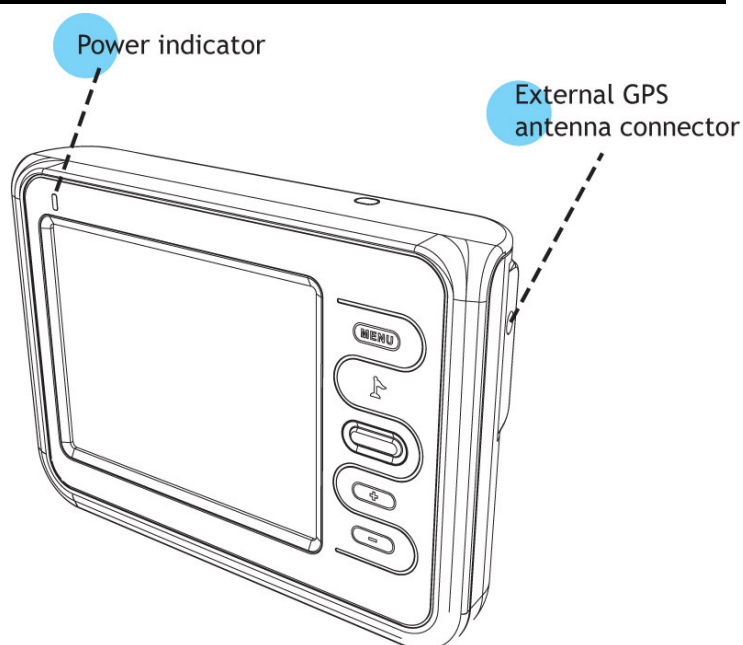


Figure. Outward features

<u>Component</u>	<u>Description</u>
Power Indicator	Steady amber to indicate that external power is connected. Flashing red to indicate battery power is low.
External Antenna Connector	This connector (under rubber dust cover) allows use of an optional external antenna with magnetic mount, which may be positioned on top of the car for better signal reception in areas with poor reception.

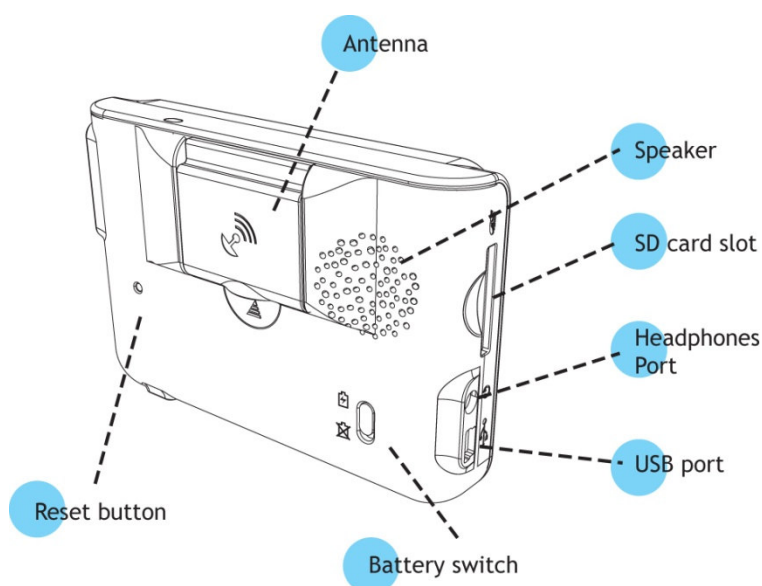


Figure. Outward features

<u>Component</u>	<u>Description</u>
GPS antenna	Receives signals from the GPS satellites overhead. Make sure that it has a clear view of the sky.
Speaker	Sends out music, sounds and voice.
SD Slot	Accepts a SD (Secure Digital) card for accessing data such as MP3 music.
Headphone Connector	Connects to stereo headphones
Mini-USB Connector	Connects to the USB cable.
Battery Switch	The battery switch. When switch off the battery, all power will be cut off. The date, time and language setting will be reset. The play list and titles in MP3, movie player and photo viewer need to be reloaded. If battery is switched off, please fully charge device battery when battery is switched on again. This will ensure battery precisely charged.
Reset Button	Restarts your device (soft reset)

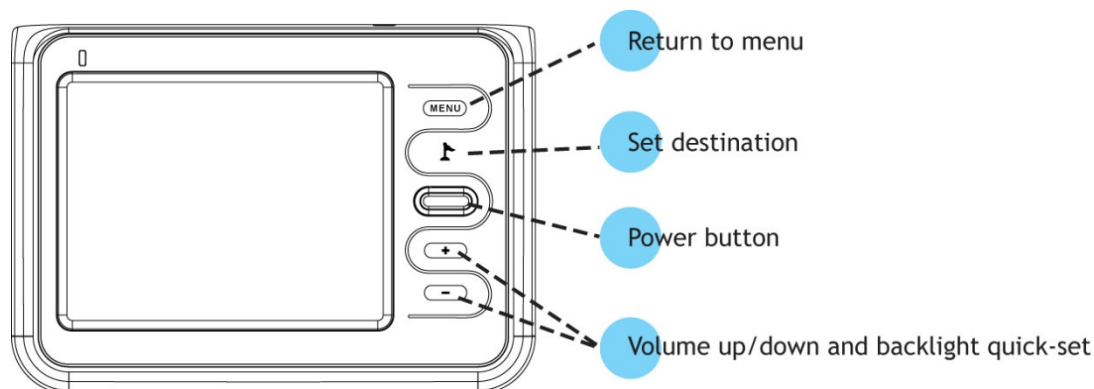


Figure. Outward features

<u>Component</u>	<u>Description</u>
Return to menu	Opens the Main Menu of your device.
Set destination	When in the map screen: You could add your favorite destination to bookmark by press this button.
Power button	Use the power button to turn on and off your device. When you press the power button to turn off the unit, your device actually enters a suspend state and the system stops operating. Once you turn on the system again, it resumes.
Volume /Backlight Control	Adjusts the volume or backlight level of your device

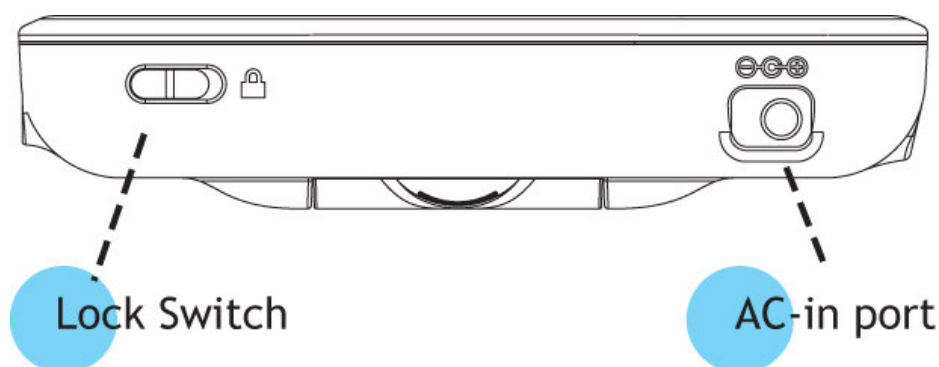


Figure. Outward features

<u>Component</u>	<u>Description</u>
AC-in port	Connects to the AC adaptor.
Lock Switch	To prevent accidental screen taps. Once the lock switch has been set all buttons will be disabled except for the H/W Reset button. The padlock icon appears onscreen to notify the user that the device is locked.

Connecting Accessories

Refer to the diagram below to connect the accessories to the device.

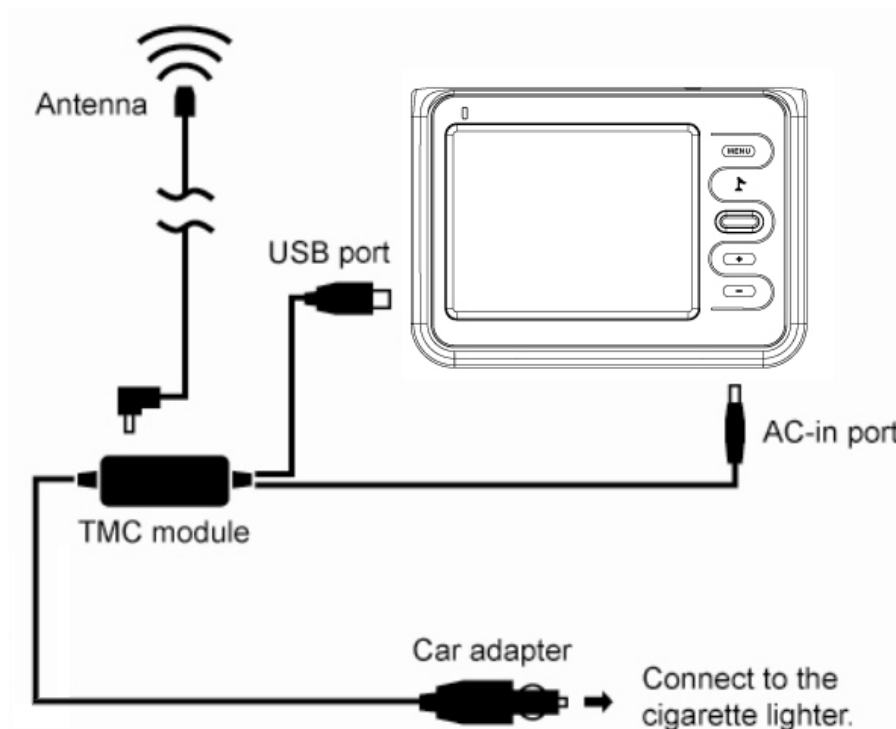


Figure. Connecting TMC Module (Optional Accessory)

Place the device in such a way that the external antenna wire is routed conveniently out the driver's side window. The magnetized antenna casing will attach firmly to the roof of your car.

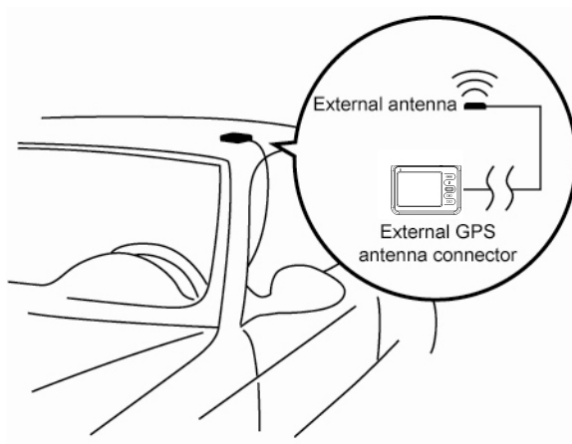


Figure. Connecting external GPS active antenna (Optional Accessory)

Connecting the Car Charger

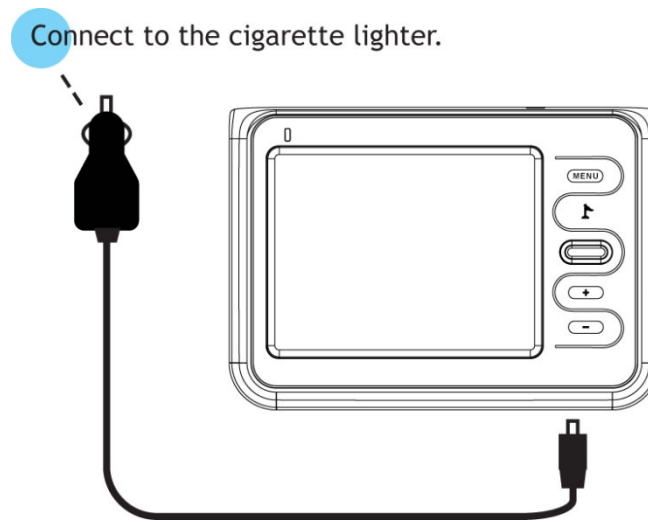


Figure. Connecting the car charger

Device power input is DC 5V to 12V.

The car charger supplies power to your device when you are using the device in a car.

CAUTION: Car charger output is 12V DC, do not use this car charger for other device. If use with RDS/TMC, need to have another car charger (5V, 1A) together with the RDS/TMC receiver from GNS.

1. Connect one end of the car charger to the power connector of your device.
2. Connect the other end to the cigarette lighter in the car to power and charge your device. The indicator on the car charger lights in amber to indicate that power is being supplied to your device.

Connecting to AC Power and Charging the Battery

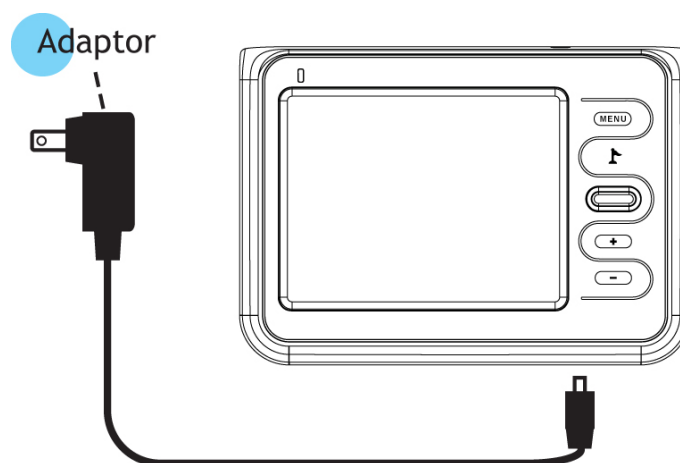


Figure. Connecting AC adapter (Optional Accessory)

When charging the battery for the very first time, you should charge it for at least 4 hours.

1. Slide and click the connector converter onto the AC adapter.
2. Connect the adapter cable to the bottom of your device.
3. Plug the AC adapter into a wall outlet.

Power Indicator shows steady amber to indicate AC adapter is correctly connected.

NOTE:

- ◆ Do not immediately turn on your device after connecting the AC adapter to charge a power-depleted battery. If you need to turn on the device again, wait for at least one minute.

CAUTION: For optimal performance of the Li-polymer battery, take note of the following:

- ◆ Do not charge the battery where the temperature is high (e.g. in direct sunlight).
- ◆ There is no need to fully discharge the battery before charging. You can charge the battery before it is discharged.
- ◆ If you will not use the product for a long period of time, be sure to fully charge the battery at least once every two weeks. Over discharge of the battery can affect the charging performance.

Using Your Device in a Vehicle

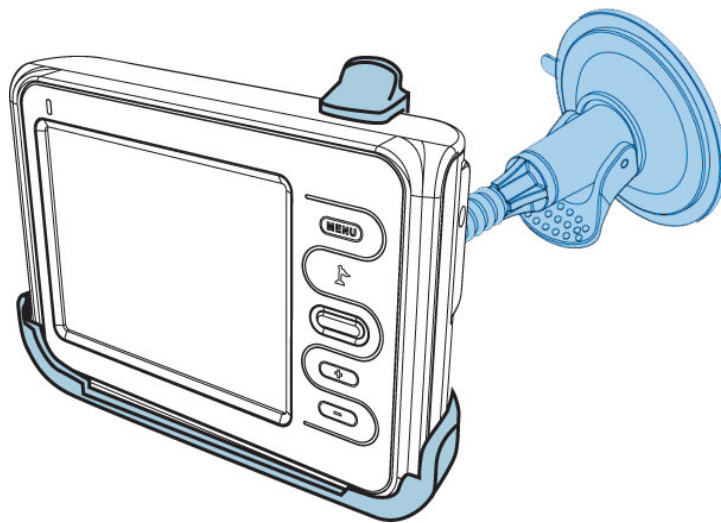


Figure. Using the Car Holder

Mounting on the Windshield

1. Assemble the bracket and the arm stand.
2. Clean the windshield where you will apply the suction cup. Then, attach the suction cup firmly to the windshield and press the locking tab to secure the cup.
3. Carefully fit your PND into the bracket.

CAUTION:

After the suction cup is secured to the windshield, never try to pull or wriggle the arm. Always adjust the arm of the car holder for the best viewing angle BEFORE driving. Avoid adjusting the device with one hand while driving.

Using the Car Holder

The car holder consists of a bracket and a stand. Use the car holder to fix your device in a vehicle. Make sure that the GPS antenna has a clear view of the sky.

For initial positioning, remain at the same spot with a clear view of the sky. The GPS may take a few minutes to find its current location initially.

CAUTION:

- ◆ Select an appropriate location for the car holder. Never place the holder where the driver's field of vision is blocked.
- ◆ If the car's windshield is tinted with a reflective coating, an external antenna (optional) may be needed to route the antenna to the top of the car through a window. When closing the car window, be careful not to pinch the antenna cable. (Cars with an anti-jam window design may automatically leave adequate space as needed.)

Getting started

Find the **Master power switch** on the back of the device, toggle it to **ON** (push upward), and press the **Power button** to turn on your ARISTO VOYAGER X500.

Note: When using the device later, if the device controls fail to respond, you can also use the **Reset button** switch to restart the device.

While starting up, a series of screens will be displayed. First, the **Language** screen appears. Choose your preferred language and tap **OK** to continue on to the next screen.



Figure. Setup – language



Figure. Setup – language

Then the **Time** setup screen to view the time zone settings screen. Tap the arrow buttons to view the time zone selection. For the time zones affected by seasonal daylight saving time, use the arrows to select **on/off**.



Figure. Time zone

Then tap the **Next** to view the Date and Clock setting screen. Tap the arrow buttons to set the date and time. Tap **OK** to save changes or **Back** to return to the time zone setup screen.



Figure. Date & Clock

Next, a calibration screen will appear. The calibration screen will only appear on the initial start up and afterward can be accessed via **Main menu > Setup > Calibration**.

Press and briefly hold a stylus or any similar non-marking instrument on the center of the target. Repeat as the target moves around the screen. When the calibration is complete and you are instructed to press enter, simply tap once more anywhere on the screen.

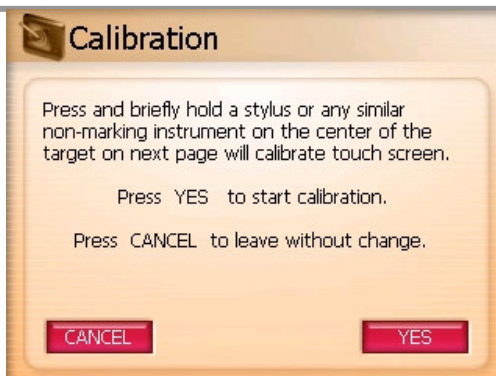


Figure. Calibration

Finally, a warning will appear. Read the warning carefully and tap **OK**.



Figure. Warning

Setting up

The **Main menu** displays power information and the main features of the ARISTO VOYAGER X500 which include touch screen icons for **Navigation**, **MP3 player**, **Setup**, **Photo** and **Movie**.



Figure. Main menu

Tap the **Setup** icon on the main menu to display the setup screen. Use the **Setup** screen to set **Language, Calibration, Backlight, Clock** and also to view system software information and perform a factory reset via the **About** icon. To select an item from the setup screen simply tap its icon. Tap the **Return** icon to go back to the main menu.



Figure. Setup screen

While device is in carry, to avoid the unexpected power on, user may use the lock switch. Once the lock switch has been set all buttons will be disabled except for the H/W Reset button. The padlock icon appears onscreen to notify the user that the device is locked.

CAUTION: Power button is disabled when lock switch is switched to lock position. To power on device, lock switch must switch to unlock position.



Figure. Lock Switch

Setting up - Language

From the **Main menu**, tap **Setup > Language** to view the language settings screen. To set the default language for the device, select your preferred language by tapping the appropriate icon and then tap **OK**.



Figure. Setup – language



Figure. Setup – language

Setting up – Calibration

From the **Main menu**, tap **Setup > Calibration** to view the calibration settings screen. To calibrate the touch screen icons, tap **Calibration**, and follow the instructions on the calibration screen. To return to the setup screen tap **Return**.

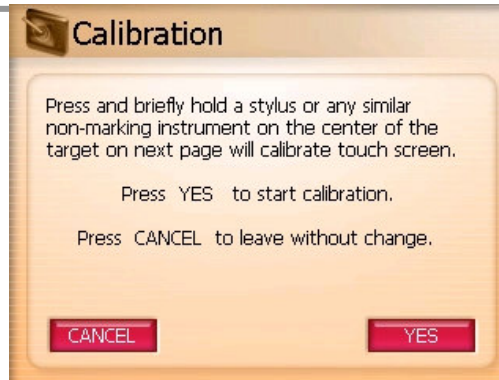


Figure. Setup – Calibration

Tap **YES** to continue Calibration. Press and briefly hold a stylus or any similar non-marking instrument on the center of the target. Repeat as the target moves around the screen. When the calibration is complete and you are instructed to press enter, simply tap once more anywhere on the screen.

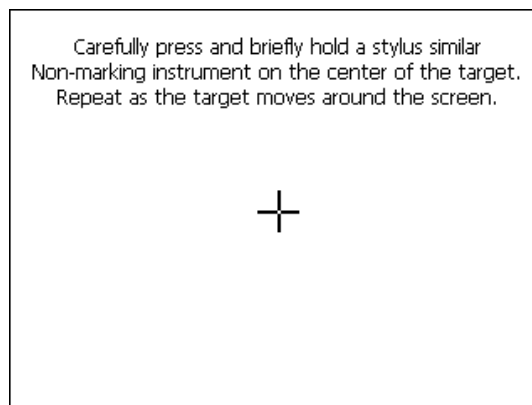


Figure. Calibration touch screen

Setting up - Backlight

Tap **Main menu > Setup > Backlight** to view the backlight settings screen. Set the backlight brightness level for either day mode or night mode with the arrow icons. Taping the left arrow will decrease brightness and the right arrow will increase it.

While using the device with the battery, you can determine the default backlight display time so power isn't wasted by displaying the backlight indefinitely. However, if you don't want to take advantage of this feature, you can set the backlight timer to **Never**. Otherwise, the options are as follows: **1, 2, 3, 4, or 5 minutes**. Use the arrows to select your preferred backlight timer duration. Tap **OK** to save your settings.



Figure. Setup - Backlight

To quickly adjust backlight and volume press either the **plus** or **minus** button on the lower right side of the screen. Tap the brightness icon that appears to switch **day**, **night** or **auto** mode and adjust the volume with the plus/minus buttons or by tapping directly on the screen. The auto backlight mode work with light sensor to senses ambient light conditions and dims the backlight to the appropriate level.



Figure. Backlight/volume quick adjustment buttons



Figure. Auto Backlight Mode

Setting up - Time

From the **Main menu**, tap **Setup > Time** to view the time zone settings screen. Tap the arrow buttons to view the time zone selection. For the time zones affected by seasonal daylight saving time, use the arrows to select **on/off**.



Figure. Time zone

Then tap the **Next** to view the Date and Clock setting screen. Tap the arrow buttons to set the date and time. Tap **OK** to save changes or **Back** to return to the time zone setup screen.



Figure. Date & Clock

Setting up – About/Factory reset

From the **Main menu**, tap **Setup > About/Factory reset** to view the about/factory reset screen. The about screen displays system information relating to the main features of the device, including the OS, navigation, music, photo and movie software vendors and versions.



Figure. Setup – About

Tap the **Factory reset** button to reset the device's default settings. When the factory reset screen appears, tap **Yes** to apply the reset, and no to return to the about screen. Tap **OK** to return to the setup screen.



Figure. Setup –Factory reset

Navigating

On the **Main menu**, tap **Navigation** to launch the navigation software.



Figure. Main menu

Using the MP3 player

When loading MP3 files to the SD card, please put files into "My Music" folder. If there's no such a folder in SD card, please create "My Music" folder in advance.

Using the player's controls

From the **Main menu** tap **MP3** to view the MP3 player. The MP3 player has onscreen music playback control buttons controls for:

- Seek bar, play/pause, stop, next, previous and volume control.

Onscreen music playback programming options include:

- Single playback, repeat playback, normal sequence and random sequence.

Tap the  icon to return to the main menu.

Tap  to access the music Library.

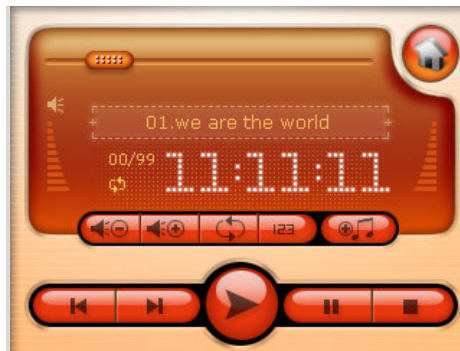


Figure. MP3 player

Using the music library

Tap the  icon to open the **Music library** screen. Then tap **All music** >  to add the contents of the SD card to the music library.

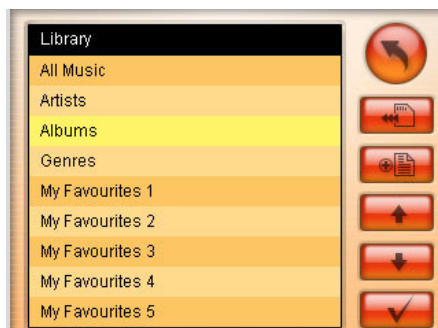


Figure. Music library

The MP3 and WMA files on the SD card will be added to the Library automatically and classified into All Music, Artists, Albums, and Genres. To hear a particular artist, for example, tap **Artist**.

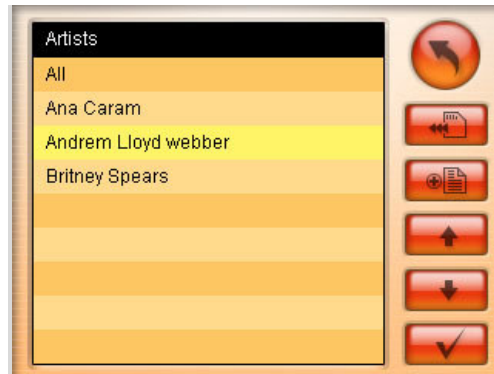


Figure. Artists

Tap on a particular Artist to view the available songs or click **All** to view all the songs by all the Artists. If necessary, use the  icon to add the SD card's music. Select a song and then use the  icon to add a song to a **My favorites** list.



Figure. My Favorites

On the My Favorites list, you can select tracks to listen to, add or subtract them from the list, and update the list with the SD card's music files.

Using the Movie player

When loading movie files to the SD card, please put files into "My Video" folder. If there's no such a folder in the SD card, please create "My Video" folder in advance.

Using the player's controls

From the **Main menu** tap **Video** to view the video player UI. The UI has onscreen video playback controls for:

- Seek bar, play/pause, stop, next, previous and volume control.

Onscreen video playback programming options include:

- Video library, full-screen playback, and linear/repeat playback



Figure. Movie player

Tap the  icon to return to the main menu.

Tap the  icon to open the **Movie library** screen.

Using the Movie library

Tap the  icon to open the **Movie library** screen. Then tap **All movie >**  icon to add the contents of the SD card to the library.



Figure. Movie library

Supported file types include ASF, WMV, MPEG and AVI (Microsoft MPEG-4, RLE and MPEG1 codec) files. Files of these types on the SD card will be added to the Movie library automatically and classified according to file name.



Figure. Movie Playlist

On Movie Playlist, you can select files and add or subtract them from the list, or view the files directly.

Using the Photo viewer

Before loading photo files to the SD card, please put files into "My photos" folder. If there's no such a folder in the SD card, please create "My Photos" folder in advance.

Using the viewer's controls

From the **Main menu** tap **Photo** to view the photo library UI. The UI has onscreen playback controls for:

- Home, return to previous page, slide show, next/previous and select.

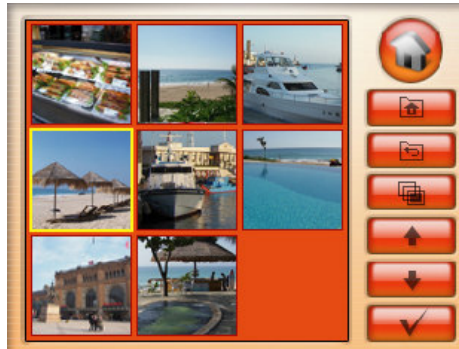


Figure. Photo library

The SD card's contents will automatically be displayed on the Photo library UI. Images supported include BMP, JPEG, and 24-bit true color.

To open a folder, either tap on the folder directly, or use the next/previous arrow buttons and the select check button. The contents will be displayed as thumbnails that you can either browse using the next/previous arrow buttons, or the slide show function.

To see a full-screen view of a photo double tap on the particular photo or tap the select check button.

Tap the  icon to return to the main menu.

Using the Photo Viewer

The photo viewer enables you view and manipulate your photos. To zoom in, tap , and to zoom out, tap the  icon. Tap the  icon to rotate the photo. You can also view a slide show with the photo viewer UI by tapping the slide show icon . Tap  to move back to a previous

screen, and to escape from either full-screen mode or slide show mode, press the menu button on the console.



Figure. Photo Viewer

Common warning screens

Common warning screens include:

- Lost external power warning
- USB connection warning
- SD Card removed warning

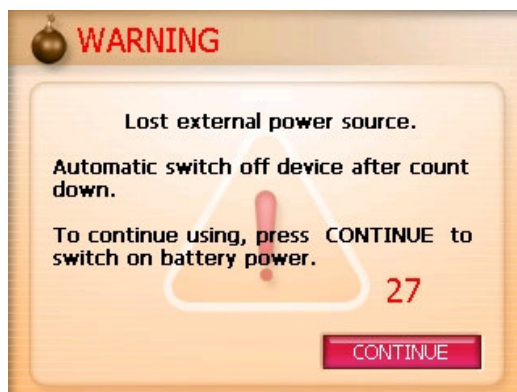


Figure. Lost external power warning

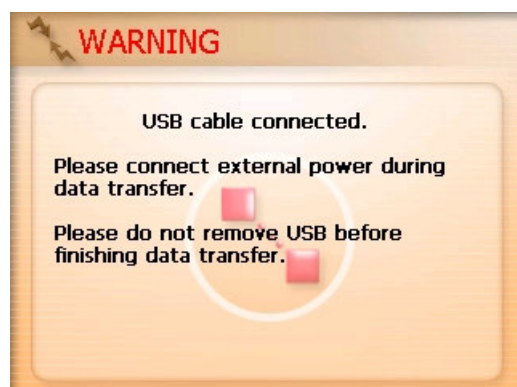


Figure. USB connection warning



Figure. SD card missing warning